

## **EXHIBIT 1**

# Howard & Howard

law for business

direct dial: 248.723.0325

Gregory D. DeGrazia

GDeGrazia@howardandhoward.com

May 18, 2006

Mr. Ajay Gupta  
28 Nancy Place  
Berkeley Heights, New Jersey 07922

*Via UPS Delivery*

**RE: U.S. Patent Application No. 10/560,150 for  
"SORPTION CONCENTRATOR WITH ELECTRICALLY  
HEATED DESORPTION REGENERATION"  
Our File: 60,274-098**

Dear Ajay:

Enclosed are a Declaration and Assignment regarding the above-referenced patent application which I ask you to sign and return to our office at your earliest convenience. We must respond to the Notice of Missing Requirements by **May 22, 2006**.

If you have any questions regarding this matter, feel free to contact us at your convenience.

Sincerely,

HOWARD & HOWARD ATTORNEYS, P.C.



Gregory D. DeGrazia

GDD:tls  
Enclosures

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**Location:** FRONT DOOR

**Delivered to:** BERKELEY HEIGHTS, NJ, US

**Shipped or Billed on:** 05/18/2006

**Tracking Number:** 1Z V92 72F 01 9844 314 9**Service Type:** NEXT DAY AIR

Information and services provided to My UPS users.

**Package Progress:**

Location	Date	Local Time	Activity
BOUND BROOK, NJ, US	05/19/2006	9:57 A.M.	DELIVERY
	05/19/2006	6:32 A.M.	OUT FOR DELIVERY
	05/19/2006	6:19 A.M.	ARRIVAL SCAN
PHILADELPHIA, PA, US	05/19/2006	3:12 A.M.	DEPARTURE SCAN
	05/19/2006	12:06 A.M.	ARRIVAL SCAN
ROMULUS, MI, US	05/18/2006	10:37 P.M.	DEPARTURE SCAN
	05/18/2006	9:20 P.M.	ARRIVAL SCAN
CLAWSON, MI, US	05/18/2006	8:22 P.M.	DEPARTURE SCAN
	05/18/2006	8:01 P.M.	ORIGIN SCAN
US	05/18/2006	5:41 P.M.	BILLING INFORMATION RECEIVED

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## Shipment Receipt

(Keep this for your records.)

**Transaction Date** 18 May 2006

### Address Information

**Ship To:**

Ajay Gupta  
Mr. Ajay Gupta  
28 Nancy Place  
BERKELEY HEIGHTS NJ 07922-1513  
Residential

**Shipper:**

Howard & Howard Attorneys, P.C. 1  
Gregory D. DeGrazia/tls  
2487230378  
39400 Woodward Ave  
Suite 101  
Bloomfield Hills MI 48304

---

### Shipment Information

**Service:**

UPS Next Day Air

\*Guaranteed By:

10:30 AM, Fri. 19 May 2006

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### Package Information

**Package 1 of 1**

Tracking Number:	1ZV9272F0198443149
Package Type:	UPS Letter
Actual Weight:	Letter
Billable Weight:	Letter
Client Matter #:	60,274-098

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### Billing Information

**Payment Method:**

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**All Shipping Charges in USD**

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**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UNITED STATES PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated near my name below.

I believe I am the **original, first and sole inventor** of the subject matter of which is claimed and for which a patent is sought on the invention entitled:

**SORPTION CONCENTRATOR WITH ELECTRICALLY  
HEATED DESORPTION REGENERATION**

which is described and claimed in the specification of which:

\_\_\_ is executed on even date herewith; attorney docket number \_\_\_\_\_.

X was filed on December 9, 2005 as United States Application Serial No. 10/560,150 and International Serial No. PCT/EP2003/004941 filed February 19, 2003 and amended by an amendment thereto submitted therewith (if any); attorney docket number 60,274-098.

I declare that this application is:

X a first filing.

\_\_\_ a continuation.

\_\_\_ a continuation-in-part.

\_\_\_ a divisional.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe my invention was known or used by others in the United States of America, or patented or described in a printed publication in any country before my invention thereof.

I do not know and do not believe my invention was patented or described in a printed publication in any country or in public use or on sale in the United States of America, more than one year prior to this application.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim that no application for patent or inventor's certificate on this invention has been filed in any foreign country or in the United States of America prior to this application by me or my legal representatives or assigns except as follows:

### PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of the foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

    no such applications have been filed.

  X   such applications have been filed as follows:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (month, day, year)	PRIORITY CLAIMED UNDER 37 USC 119
PCT	03/04941	02-18-2003	Yes <u> X </u> No <u>     </u>

I hereby claim priority to and all the benefits under Title 35, United States Code, §119(e) of any United States provisional application(s).

    no such applications have been filed.

  X   such applications have been filed as follows:

<u>APPLICATION NUMBER</u>	<u>DATE OF FILING (month, day, year)</u>
60/398,894	07-26-2002

I hereby claim priority to and all the benefits under Title 35, United States Code, §120 of any United States application(s) listed below. If the above identified application is a continuation-in-part application, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this continuation-in-part application in accordance with Title 37, Code of Federal Regulations, Section 1.63(c).

X   no such applications have been filed.

       such applications have been filed as follows:

APPLICATION NUMBER	DATE OF FILING (month, day, year)	STATUS (patented, pending, abandoned)
-----------------------	--------------------------------------	--

#### POWER OF ATTORNEY

As a named inventor, I hereby appoint the attorneys and/or agent(s) associated with the below Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith with full power of substitution and revocation.

#### CUSTOMER NO. 27305

Please address all correspondence and telephone calls to:

**Gregory D. DeGrazia**  
**HOWARD & HOWARD ATTORNEYS, P.C.**  
39400 Woodward Avenue  
Bloomfield Hills, Michigan 48304-5151  
(248) 723-0325

**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: **Ajay Gupta**

Dated

Address: 28 Nancy Place  
Berkeley Heights, New Jersey 07922

Post Office: Same

Citizenship: U.S.



**ASSIGNMENT**  
(Sole Inventor)

WHEREAS, I, **Ajay Gupta**, (hereinafter referred to as Assignor), residing at **28 Nancy Place, Berkeley Heights, New Jersey 07922**, have invented new and useful improvements in:

**SORPTION CONCENTRATOR WITH ELECTRICALLY  
HEATED DESORPTION REGENERATION**

which is set forth in an application for Letters Patent filed on December 9, 2005 in the United States having Serial No. 10/560,150 and Attorney Docket No. 60,274-098.

AND WHEREAS, **Dürr Systems, Inc.**, (hereinafter referred to as Assignee), of **40600 Plymouth Road, Plymouth, Michigan 48170**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has assigned, sold and set over, and by these presents assign, sells and sets over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignor on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignor will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: \_\_\_\_\_

\_\_\_\_\_  
**Ajay Gupta**

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

**Gregory D. DeGrazia**  
**HOWARD & HOWARD ATTORNEYS, P.C.**  
39400 Woodward Avenue, Suite 101  
Bloomfield Hills, Michigan 48304-5151  
(248) 723-0325

G:\D\Durr\Env\IP00098\Patent\Assignment (Sole Inventor).doc

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Mr. Ajay Gupta  
28 Nancy Place  
Berkeley Heights, NJ  
07922

## 2. Article Number

7002 0510 0000 9377 5099

PS Form 3811, July 1999

## COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

D. Is delivery address different from item 1?  
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☐ Yes

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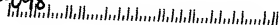
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HOWARD & HOWARD ATTORNEYS  
THE PINEHURST OFFICE CENTER, STE. 101  
39400 WOODWARD AVENUE  
BLOOMFIELD HILLS, MICHIGAN 48304-5151

GDP/Hs

60274-098

3150 C048



## **EXHIBIT 2**

# Howard & Howard

law for business

# FILE COPY

direct dial: 248.723.0325

Gregory D. DeGrazia

GDegrazia@howardandhoward.com

July 21, 2006

## URGENT

### VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Ajay Gupta  
28 Nancy Place  
Berkeley Heights, New Jersey 07922

**RE: U.S. Patent Application No. 10/560,150 for  
"SORPTION CONCENTRATOR WITH ELECTRICALLY  
HEATED DESORPTION REGENERATION"  
Our File: 60,274-098**

Dear Ajay:

Enclosed are a Declaration and Assignment regarding the above-referenced patent application which I ask that you sign and return to our office at your earliest convenience. Please note that we previously sent these documents to you on May 18, 2006 via UPS Delivery but have not received the signed formal documents from you. We ask that you sign these documents and return them to us as soon as possible so that we may file them with the U.S. Patent and Trademark Office.

If you have any questions regarding this matter, feel free to contact us at your convenience.

Sincerely,

HOWARD &amp; HOWARD ATTORNEYS, P.C.

*Gregory D. DeGrazia*  
Gregory D. DeGrazia

7002 0510 0000 9377 5011

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Sent <u>Ajay Gupta</u>	
Street, Apt. No., or PO Box No. City, State, ZIP+4	

Postmark Here  
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PS Form 3800, January 2001 See Reverse for Instructions

400 Woodward Avenue, Bloomfield Hills, MI 48304.5151  
248.645.1568 www.h21law.com

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UNITED STATES PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated near my name below.

I believe I am the **original, first and sole inventor** of the subject matter of which is claimed and for which a patent is sought on the invention entitled:

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I declare that this application is:

X a first filing.

\_\_\_ a continuation.

\_\_\_ a continuation-in-part.

\_\_\_ a divisional.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe my invention was known or used by others in the United States of America, or patented or described in a printed publication in any country before my invention thereof.

I do not know and do not believe my invention was patented or described in a printed publication in any country or in public use or on sale in the United States of America, more than one year prior to this application.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim that no application for patent or inventor's certificate on this invention has been filed in any foreign country or in the United States of America prior to this application by me or my legal representatives or assigns except as follows:

### PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of the foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

     no such applications have been filed.

  X   such applications have been filed as follows:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (month, day, year)	PRIORITY CLAIMED UNDER 37 USC 119
PCT	03/04941	02-18-2003	Yes <u> X </u> No <u>    </u>

I hereby claim priority to and all the benefits under Title 35, United States Code, §119(e) of any United States provisional application(s).

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X no such applications have been filed.

\_\_\_ such applications have been filed as follows:

APPLICATION NUMBER	DATE OF FILING (month, day, year)	STATUS (patented, pending, abandoned)
-----------------------	--------------------------------------	--

#### **POWER OF ATTORNEY**

As a named inventor, I hereby appoint the attorneys and/or agent(s) associated with the below Customer Number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith with full power of substitution and revocation.

#### **CUSTOMER NO. 27305**

Please address all correspondence and telephone calls to:

**Gregory D. DeGrazia**  
**HOWARD & HOWARD ATTORNEYS, P.C.**  
**39400 Woodward Avenue**  
**Bloomfield Hills, Michigan 48304-5151**  
**(248) 723-0325**



**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

---

**Name:**      **Ajay Gupta**

---

**Dated**

**Address:**      28 Nancy Place  
Berkeley Heights, New Jersey 07922

**Post Office:**   Same

**Citizenship:**   U.S.

**ASSIGNMENT**  
(Sole Inventor)

WHEREAS, I, **Ajay Gupta**, (hereinafter referred to as Assignor), residing at **28 Nancy Place, Berkeley Heights, New Jersey 07922**, have invented new and useful improvements in:

**SORPTION CONCENTRATOR WITH ELECTRICALLY  
HEATED DESORPTION REGENERATION**

which is set forth in an application for Letters Patent filed on December 9, 2005 in the United States having Serial No. 10/560,150 and Attorney Docket No. 60,274-098.

AND WHEREAS, **Dürr Systems, Inc.**, (hereinafter referred to as Assignee), of **40600 Plymouth Road, Plymouth, Michigan 48170**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has assigned, sold and set over, and by these presents assign, sells and sets over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignor on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignor will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: \_\_\_\_\_

\_\_\_\_\_  
**Ajay Gupta**

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

**Gregory D. DeGrazia**  
**HOWARD & HOWARD ATTORNEYS, P.C.**  
39400 Woodward Avenue, Suite 101  
Bloomfield Hills, Michigan 48304-5151  
(248) 723-0325

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